

## **CEREBRA INTEGRATED TECHNOLOGIES**

**Marching Towards Green Growth** 

**Investor Presentation February 2018** 







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## Agenda

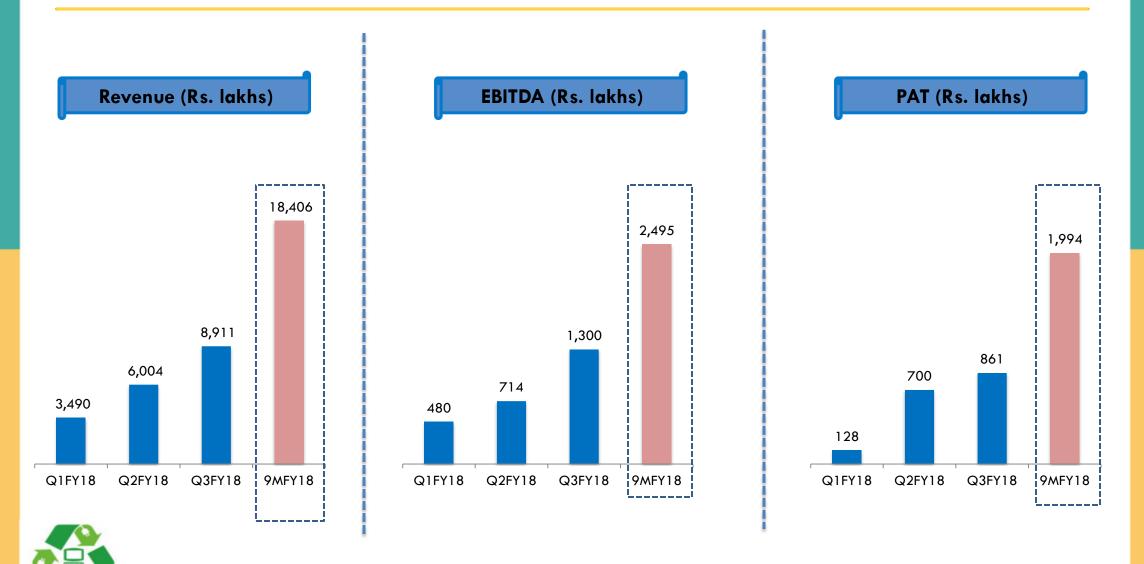
- Q3 & 9M FY18 Financial Highlights
- Company Overview
- E-Waste Space New Growth Area
- Hardware
- IT Services India & Middle East







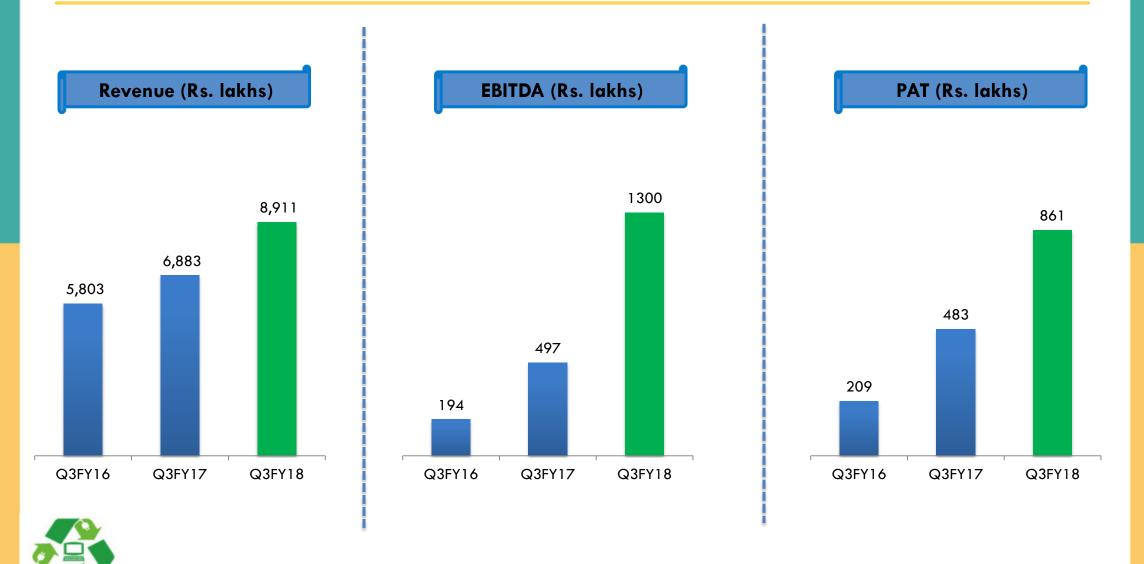
## Stellar Performance on account of E-Waste



Figures have been regrouped or rearranged, wherever necessary \* All figures are on consolidated basis



# Financial Highlights — Q3FY18 (Consolidated)





# Financial Highlights — Q3 & 9MFY18 (Consolidated)

Rs. In lakhs	Q3 FY18	Q3 FY17	Q3 FY16
Revenue from Operations	8,911	6,883	5,804
Raw Material & Fuel costs	7,120	5,886	5,250
Employee Cost	198	143	138
Other costs	293	365	222
EBITDA	1,300	490	194
EBITDA Margin (%)	14.59%	<b>7</b> .11%	3.34%
Other Income	-125	8	140
Depreciation	9	-7	7
Interest	19	5	68
Exceptional items	-	-	-
Profit Before tax	1,148	499	259
Tax	287	16	50
Profit After Tax	861	483	209
PAT Margin	9.66%	7.02%	3.60%

9MFY18	9MFY17	9MFY16
18,406	18,261	17,806
14,250	15,585	16,273
561	439	458
1100	890	611
2,495	1,347	463
13.56%	7.38%	2.60%
84	31	357
21	16	48
84	116	231
-	-	-100
2,474	1,247	442
480	157	139
1,994	1,090	304
10.83%	5.97%	1.70%







# **Key Business Areas**

**E-Waste Management** 

Hardware

IT Services - India & Middle East





## **Hardware & IT Services**



### Leading hardware manufacturing company ...

- Design & manufacture motherboards, memory modules, servers, workstations etc
- Commenced operations in 1992 in Bangalore
- Manufacturing facility in Peenya, Bangalore
- Reputed diversified clientele across industry
- Nationwide presence with over 100 channel partners for distribution



- Offer business process outsourcing solutions by leveraging process, domain and people management expertise
- Expertise in Banking, Insurance, Finance & Accounting, HR Services, Healthcare and Legal Services
- Cerebra Middle East: Niche IT Distribution house offering Data Centre, Security Surveillance and IT Infrastructure management solutions to the Middle East





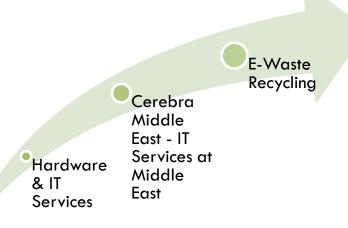


## **Entry into E-Waste business**



#### ... Foray into E-Waste Recycling

- One of India's largest integrated E-Waste recycling facility at Narsapura
- Capacity of 96,000 Tons per annum; obtained necessary consent from Karnataka State Pollution Control Board
- Recycling & Refurbishment is progressing well
- Agreements with many customers including MNC's across India for collecting E-Waste
- Collection centers now at Ahmedabad, Chennai, Hyderabad, Mumbai, Nashik, New Delhi, Pune, Surat, Vadodara, Vijayawada and Vishakapatnam







## **Experienced Team**



Mr. V. Ranganathan, MD

- •Electrical & Electronics Engineer, ~29 years of experience in manufacturing & trading of computers and electronic products
- ·Leading the marketing initiatives at Cerebra



Mr. Asit Ahuja, CEO, Cerebra ME

- Founder Director Cerebra Middle East FZCO
- •Responsible for day to day operations



#### Mr. Shridhar S Hegde, ED & CFO

- •Law graduate,  $\sim 35$  years of experience in industry
- •Responsible for the entire financial aspects of Company



#### Mr. Phalguna Jois, CEO, ES Division

- •~25+ extensive experience in manufacturing, IT distribution and business development
- •Instrumental in building team & strategic alliances



Mr. P. Bharath, COO

- •Civil Engineer, Responsible for setting up the factory at Peenya
- Leading production activities at SMT Division, EMS Division, and Ewaste Recycling Plant



# Mr. Anil Bhavnani, Head-Strategy & Alliances (E-Waste Recycling)

- ~30 years experience in conceptualizing and establishing successful businesses
- •Responsible for strategy and alliances



Mr. P. Vishwamurthy, ED

- •Mechanical Engineer,  $\sim 26$  years of experience in industry
- •Resource management, client relationships and engagements





## Servicing prestigious clients across industry segments

#### **Banks**















#### **PSUs**



















#### **Govt. Agencies**















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onec

#### **Other Major Clients**



































## **Current E-Waste Recycling in India**

#### **Current Scenario of E-Waste treatment in India**









Currently ~ 99% of E-Waste market in India is un-organised

#### Cerebra's way for E-Waste treatment









**Pioneers** in **organised** E-Waste recycling player

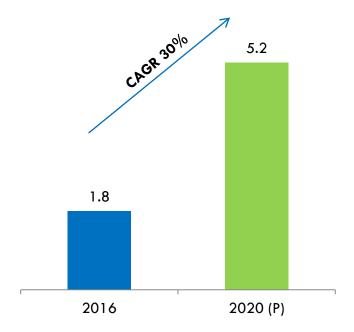




# India's E-Waste Potential — A Large Opportunity

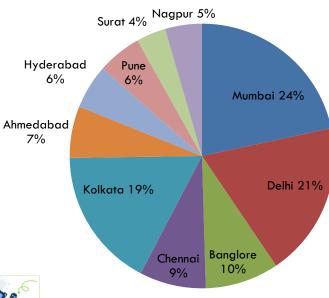
India is emerging as one of the world's major electronic waste generators

#### Generation of E-Waste in India (Million Metric Tonnes) p.a



Source: ASSOCHAM-cKinetics study (June 2016)

#### City wise E-Waste generation





Source: Dept. of Information Technology





## **World Class Fully Integrated E-Waste Facility**









#### Cerebra's E-Waste facility:

- E-Waste Recycling Facility pans over an area of 12 acres; with built up area of more than 40,000 sft
- Current capacity of the facility is 36,000 tons p.a.;
   with potential to reach 96,000 tons p.a. in future



Awarded IMS Certificate ISO9001:2015, ISO 14001:2015 and ISO 18001:2007:

 Scope: E-waste Collection, Dismantling, Segregation, Recycling, Refurbishing & Data Protection activities of Waste Electrical & Electronic Equipments



**Video Link** 



## ... Large opportunity for CEREBRA

- Commenced operations & continuous expansion of network for E-Waste collection
- Collection centers now at Ahmedabad, Chennai, Hyderabad, Mumbai, Nashik, New Delhi,
   Pune, Surat, Vadodara, Vijayawada and Vishakapatnam

- Plant capacity to process 96,000 tonnes of E-Waste per annum
- Equipped for 100% recycling of collected E-Waste with zero landfill

- MOU signed with major MNCs & Large Corporates
- Precious Metals refining plant to be set up soon

#### Cerebra E-Waste Business Process



E-Waste material recovery process





## **Advantage Cerebra**

• Pioneer in hardware manufacturing with strong skill sets in repair & refurbish

- Location Benefit:
  - Bengaluru : Around 1,500 Software & BPO companies
  - Chennai: Manufacturing hub for Electronics & Automobiles

• Strong vendor alliances and partnerships with IBM, Dell, HP, Oracle etc

• Extensive dealer network already in place due to existing line of business

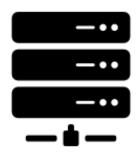








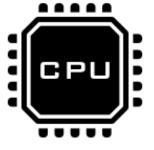


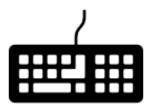




Hardware & IT Services









# One of the Pioneers in Hardware Space in India

	Electronic Manufacturing Service (EMS)	Enterprise Solutions Division (ESD) & Infrastructure Management
Key Offering	Manufactures populated PCBs such as motherboards, memory modules, graphic cards	Networking, servers, storage, endpoints, operating systems, application software
Capacity	Handles - 14000 / 28000 CPH	Skilled manpower to provide solutions
Projects/Services by Cerebra		Automated Driving Test System (ADTS) from Transport department
	Providing Hardware Solutions & IT Services	Personalised Security Surveillance services (value added distributor for UAE region)
		Personalised storage servers





## IT Services — Expansive Portfolio in India

# Infrastructure Service Platform Integration Services SAN / Storage / NAS Services **Cluster Services Business Continuity** Services **Networking Services** IT Infrastructure Services Data Center **Management Services**



# IT Consulting & Staff Augmentation Focus Areas





## **Cerebra Middle East**

#### Niche IT Distribution house offering Data Centre & IT Infrastructure management solutions

## **Service Offerings**

## Security Surveillance Solutions

**CCTV** 

VMS

NVR

Storage

Access Control

Video Walls

## Information & Communication **Technology**

**Data Centre Solutions** 

**Business Continuity** 

**Data Protection** 

Cloud Solutions

Disaster Recovery

**Enterprise Mobility** 

Storage Virtualization

E-Waste Recycling





## **Some of our Marquee Projects**



# Unique order win for Automated Driving Test System (ADTS) from Transport department, Government of Karnataka

- To automate process of conducting driving tests & issuance of licenses at select RTO center
- 5 year contract to implement, operate and maintain



# Canon (Japan) appointed Cerebra Middle East FZCO (Subsidiary of Cerebra) as a value added distributor for UAE region

 UAE's security and surveillance market to witness rapid growth due to EXPO 2020 in Dubai





## **LET'S CONNECT**



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"Responsibility towards safety of our environment"



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